

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048451.D
 Acq On : 06 May 2022 12:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050117

Quant Time: May 06 23:38:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:30:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	308009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	127431	48.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.080%
7) Chloroethane-d5	1.893	69	99340	57.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.760%
11) 1,1-Dichloroethene-d2	2.565	63	236326	50.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.120%
21) 2-Butanone-d5	4.620	46	283552	125.517	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.520%
24) Chloroform-d	5.063	84	272081	59.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.100%
26) 1,2-Dichloroethane-d4	5.700	65	178139	59.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.960%
32) Benzene-d6	5.726	84	532893	55.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.180%
36) 1,2-Dichloropropane-d6	6.690	67	177899	56.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.800%
41) Toluene-d8	7.899	98	475035	55.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.060%
43) trans-1,3-Dichloroprop...	8.179	79	81695	56.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.540%
47) 2-Hexanone-d5	8.636	63	197100	129.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	304739	63.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.840%#
66) 1,2-Dichlorobenzene-d4	12.195	152	196013	55.148	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	103270	37.064	ug/L	99
3) Chloromethane	1.520	50	114360	35.884	ug/L	97
5) Vinyl chloride	1.607	62	116595	38.510	ug/L	99
6) Bromomethane	1.832	94	54781	36.588	ug/L	98
8) Chloroethane	1.919	64	69391	42.630	ug/L	98
9) Trichlorofluoromethane	2.131	101	179846	45.211	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	114864	50.319	ug/L	98
12) 1,1-Dichloroethene	2.578	96	92383	42.804	ug/L	98
13) Acetone	2.626	43	224229	131.655	ug/L	99
14) Carbon disulfide	2.790	76	182931	27.346	ug/L	99
15) Methyl Acetate	2.948	43	186789	53.535	ug/L	97
16) Methylene chloride	3.047	84	137302	52.022	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	101237	43.967	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	432427	55.766	ug/L	99
19) 1,1-Dichloroethane	3.871	63	244179	51.429	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	132780	51.101	ug/L	96
22) 2-Butanone	4.700	43	311964	122.533	ug/L	99
23) Bromochloromethane	4.977	128	68483	50.012	ug/L	96
25) Chloroform	5.089	83	257282	54.876	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	200128	51.918	ug/L	98
29) Cyclohexane	5.388	56	163132	37.137	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	212305	48.025	ug/L	97
31) Carbon tetrachloride	5.526	117	173828	45.921	ug/L	97
33) Benzene	5.774	78	505906	46.158	ug/L	100
34) Trichloroethene	6.542	95	121823	45.218	ug/L	98
35) Methylcyclohexane	6.764	83	165974	38.612	ug/L	98
37) 1,2-Dichloropropane	6.790	63	154821	50.611	ug/L	100
38) Bromodichloromethane	7.105	83	195785	52.563	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	224292	51.549	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	571579	116.616	ug/L	100
42) Toluene	7.970	91	541030	47.828	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	219489	51.909	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	151161	54.642	ug/L	98
46) Tetrachloroethene	8.552	164	88311	43.633	ug/L	97
48) 2-Hexanone	8.687	43	480230	117.895	ug/L	99
49) Dibromochloromethane	8.812	129	165518	55.713	ug/L	99
50) 1,2-Dibromoethane	8.925	107	151134	51.682	ug/L	97
51) Chlorobenzene	9.446	112	365302	51.252	ug/L	99
52) Ethylbenzene	9.571	91	590495	50.111	ug/L	99
53) m,p-Xylene	9.693	106	232509	51.118	ug/L	97
54) o-Xylene	10.102	106	240402	52.535	ug/L	99
55) Styrene	10.115	104	416513	55.982	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	313049	60.377	ug/L	98
59) Bromoform	10.292	173	135431	53.200	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	251361	53.647	ug/L	99
61) Isopropylbenzene	10.484	105	620616	49.342	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	342858	49.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	534206	51.734	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	304713	51.367	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	304092	51.129	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	319769	52.675	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71193	51.841	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	219500	52.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	181816	49.916	ug/L	99
71) Naphthalene	14.086	128	646053	46.058	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	191630	49.465	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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